

THE BEND BULLETIN

"For every man a square deal, no less and no more."

CHARLES D. ROWE, EDITOR

SUBSCRIPTION RATES:
 One year \$1.50
 Six months .75
 Three months .35
 (Invariably in advance.)

FRIDAY, SEPTEMBER 20, 1907.

NAME THE FARM.

Greenhorn Contributes a Few More Ideas in a Readable Letter.

I have been thinking how nice it would be if all the farmers in this Deschutes valley would name their farms. Be a good pull for the Bulletin, too, as it would likely print most of the farm stationery that all the farmers would then have. It would certainly look fine on a letter head. Such names as Mountain Meadows, Golden Fields, Eagle Grove or The Willows. The Willows is my own selection for my farm so no one else need appropriate that. We of Redmond and vicinity must look out for small details to add to our popularity since the railroad ignores us so strenuously. We had hoped for a little notice when the Moguls went through but they just bolted on with their chins in the air, and left us looking after them.

While the surveyors were looking for a crossing at Clive Falls we thought for a time the proposed route should be moved from where it was to where it wasn't and make Prineville the terminus. And apropos of this some wag started the story of the Yankee and the Irishman in the Klondike who after long months of work and waiting for a rich strike at last gave it up and the Irishman suggested to the Yankee that he tie a rope around his neck and let him lead him around and exhibit him for a monkey. The Irishman agreed with the proviso that he be allowed to take a man along with them. "What for?" inquired the Yankee. "Why," said Pat, "to tell the people which end of the string the monkey is on."

But it didn't work in our case for we are still the monkeys as far as the railroad is concerned. But we must try and be contented with one of The Bulletin's roads if it will oblige us that way. If not we will stick to our old modes of doing things. They are not so bad anyway. The tinkle of the freight bells on the six horse teams mingled with the rumble of the heavy wagons as they roll along through the clouds of dust, the whir of the stage wheels, the shouts of the drivers as the noble steeds pressing to the collars rush along with their human freight are impressive to say the least, and for most of us they form a distinctive period in life that can never be forgotten. And in years to come when the scenes have changed and the curtain dropped upon them all we will often find ourselves looking backward toward these interesting scenes of our pioneer days.

GREENHORN.

Sold 200 Thoroughbred Rams.

J. R. Buker, agent for the Prineville Livestock and Land Co., recently sold 200 head of thoroughbred Rambouillet and Delaine rams to Lou McCulley and other sheep men in this vicinity. Price \$12 per head. Buker and McCulley have started to Crook county for them. It is said that this is the first time within 20 years that such rams have been sold for less than \$20 per head. The firm expects to sell more of these rams in this vicinity. Those who paid \$12 for them were fortunate.—Lakeview Herald.

Peaches and grapes and all other fruits at the news stand.

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 JAMES FLOOD BLDG., SAN FRANCISCO

Death of J. E. Coleman.

Last Sunday afternoon about 2:30 o'clock J. E. Coleman passed away after an illness of several weeks. Funeral services were held Tuesday afternoon at the residence, Rev. G. R. Short officiating. Interment was made in the Bend cemetery.

Mr. Coleman had been a resident of Bend for the past three years, having come here in October, 1904. His death was due to a serious attack of bowel trouble.

The pall bearers were R. B. Mutzig, I. H. Oneill, D. B. Mackintosh, E. A. Sather F. O. Minor and H. H. Davies.

Fast Horses at Prineville Fair.

The date of the Crook County Fair has been deferred two days, so that it will begin on the 17th instead of the 15th of October as previously announced. The change in dates was made so as to permit the bringing of some racing horses here from the fair at Burns, thus insuring two or three lively races more than was originally intended. The Crook County Fair will terminate on Tuesday, the 22d, instead of on Saturday, the 19th.—Review.

Will Know Better Hereafter.

In spite of the numerous warnings he has received against the practice, Dr. Rosenberg has persisted in chopping the stovewood for the kitchen, until this morning he chopped his thumb almost loose from his hand. Now he is wiser. After the injured hand was cauterized for the doctor went and bought a brand new ax and presented it to Mrs. Rosenberg with his compliments.—Review.

J. H. HANER,

ABSTRACTER OF TITLES
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LEAVE P.M.		ARRIVE A.M.
1:20	BIGGS	11:50
1:40	Gilberts	11:30
2:00	Wasco	11:10
2:17	Klondike	10:45
2:23	Summit	10:40
2:40	Hay Canyon Junction	10:34
2:41	McDonalds	10:12
2:57	DeMoss	10:05
3:04	Moro	9:55
3:12	Brakeville	9:37
3:44	Grass Valley	9:20
4:06	Bourbon	8:55
4:16	Keel	8:40
4:26	Wilcox	8:20
5:00	SHAWNEE	8:00
ARRIVE		LEAVE

Daily stage connections at Shantiko for Antelope, Prineville, Bend, Burns, Silver Lake, Lakeview, Mitchell, Dayville, Madras, Ashwood, Canby City, John Day City, and Prineville.

C. W. Merrill has just gotten in a shipment of the popular Eldridge sewing machine. Try it and examine them.

Problems That Confront The Irrigator.

Interrelation of Elevation, Exposure, Soil and Rainfall.

The great variety of conditions under which irrigation is found either desirable or unnecessary is intelligible only upon consideration of the interrelation of elevation, exposure, soil, and rainfall. In northern Idaho and northeastern Washington there is an elevated region of rolling land with an average rainfall of a little above 20 inches, a clay loam often of considerable depth and underlaid by clay and naturally well drained, yet retentive of moisture by virtue of its fine texture resulting from decomposition of basaltic rock. Irrigation is found unnecessary. The depth and character of the soil and its slope and exposure combine to insure maximum duty of rainfall. In adjacent valleys of both Idaho and Washington there are lands but little nearer sea level and with only a little less rainfall, but with soil of alluvial character or resulting from volcanic action or decomposition of granite, all being coarse, light, and nonretentive. Here the character of the soil reduces the duty of rainfall, and regular irrigation is found essential to the growth of fruits.

At lower levels, both in Idaho and Washington, are found fruit regions where manifestly deficient rainfall accompanies deep through nonretentive soil, higher heat, and greater evaporation, and desert conditions are only relieved by ample and systematic irrigation. And yet there occur also exceedingly fine soils in some portions of the desert regions which are very retentive of moisture and would secure the highest duty from rainfall if there were enough of it to enable them to act effectively. Upon such soils a maximum duty of irrigation water is secure, and the amount required is relatively small. The occurrence of these conditions is not always to be measured by large areas. They are found in different parts of the same region. In some cases, in fact, within the limits of the same farm, making an understanding of their influences and effects all the more essential.

In California similar instances of the interrelation of soil, rainfall, exposure, and local climate, and their influence upon horticultural practice with reference to irrigation, could be cited in great number. A few must suffice.

On the famous river-bank fruit land of the Sacramento Valley, with loams of great depth and good retentiveness, and with an average rainfall of approximately 20 inches,

irrigation is resorted to only in years of minimum rainfall, when the precipitation is perhaps only about the average. At nearly the same level, as already cited, where the soil is shallow and overlies hardpan, regular irrigation is required. But still more marked contrast is found in the foothills within sight of these valley fruit lands, where with twice the average rainfall irrigation must begin early in the summer and continue until autumn is well advanced, because, first, the slope is so rapid that much rainfall is lost by run off; second, the soil is too shallow above bed rock to hold much water. Even here, however there comes in a vocal variation of measurable effect. When the soil lies upon vertical plates of bed rock much water is retained between them and is capable of being reached by tree roots, while soil lying upon flat plates of rock has no such subterranean reservoir. In the foothill region there also occurs exceptional exposure from slopes facing the midsummer sun in an atmosphere whose dryness is but slightly ameliorated by the influence of air currents from the coast.

In the valley and foothill contrast, just cited, the unirrigated valley looks up to the irrigated foothills. There are also places where unirrigated hill slopes look down upon irrigated valleys. The uplands of San Diego County are nearer the coast than those above the Sacramento Valley. They, too, have a rainfall usually ample for deciduous fruits suited to their elevation. Their rolling plateaus of deep soil, free from excessive heat and evaporation which occur on highlands farther inland and 500 miles farther north, produce very successfully without irrigation. In this region, however, the rainfall in the valley below is often less than the needs of even deciduous fruit trees, and waters flowing from mountain snows through a region of unirrigated uplands must be used to irrigate them.

Still another striking contrast, and one involving another and wholly different factor, is found in the San Joaquin Valley. Near Visalia, two feet above river and four feet above the surrounding plains, there is a large area of deep alluvial soil with much decayed vegetable matter. The land is moistened by underflow from the river, and, though the rainfall is but 7 1/2 inches, deciduous fruits are grown without irrigation. In the same county, and only 18 miles distant, there are areas of rich loam

Prineville Fair Postponed!

The CENTRAL OREGON LIVE STOCK AND AGRICULTURAL ASSOCIATION has postponed the dates of its fair to be held at Prineville, from Oct. 15-16-17-18-19, '07 to

Oct. 24-25-26-28-29, '07

Five Big Days --- Remember the Change of Dates

Fine Races Big Purses

Numerous Exhibits from all Parts of Crook County

The Biggest Fair Ever Held in Central Oregon. You Cannot Afford to Miss It.

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mixed with granitic sand 16 to 18 feet deep. In this locality, though the rainfall is 11 1/4 inches, irrigation is practiced freely, as the loss of moisture in summer is very great.

Many more quite as striking and effective illustrations might be given of the impossibility of accurate generalization on geographical, or purely meteorological data alone. Evidently, however, it is clear that the need of irrigation is conditioned upon so many factors of earth, air and water, as well as upon the needs of the plant grown and the system of tillage, that any wise decision regarding the needs of a particular locality can be reached only after considering and weighing all elements entering into the problem.

For Sale.

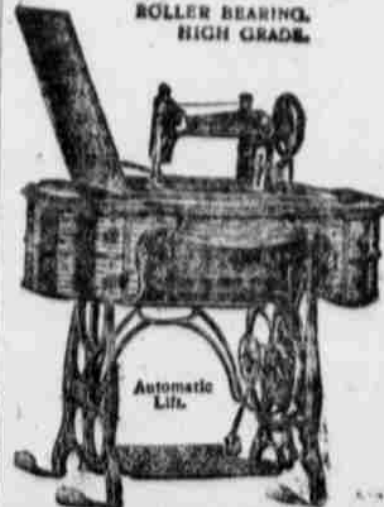
Seed rye, — C. L. LOWTHER, Trail Crossing, Crooked River. -28

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